



Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1

Complete if Known

Application Number	10/537,917
Filing Date	November 28, 2006
First Named Inventor	Tamura et al.
Art Unit	1796
Examiner Name	A. L. Woodward
Attorney Docket Number	02356/15

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ -Number ⁵ -Kind Code ⁶ (if known)				
	1	JP 51-24682 A	02-28-1976	Toyo Boseki		Abs
	2	JP 56-64866 A	06-02-1981	Toyo Boseki		Abs
	3	JP 5-345349 A	12-27-1993	Toyobo Co Ltd.		Abs
	4	JP 6-191296 A	07-12-1994	Mitsubishi Motors Corp.		Abs
	5	JP 58-201845 A	11-24-1983	Mitsubishi Gas Chem Co Inc.		Abs
	6	JP 58-206666 A	12-01-1983	Mitsubishi Gas Chem Co Inc.		Abs
	7	JP 04-086257 A	3-18-1992	Toyobo Co Ltd.		Abs
	8	JP 06-047848 A	2-22-1994	Toyobo Co Ltd.		T
	9	JP 2002-326326 A	11-12-2002	Toyobo Co Ltd.		T
	10	EP 262796 A	4-6-1988	Toray Industries, Inc.		
	11	JP 63-057668 A	3-12-1988	Mitsubishi Chem Ind Inc.		Abs
	12	WO 93-06176 A	4-1-1993	E I Du Pont De Nemours and Company		
	13	JP 2003-012023 A	1-15-2003	Toyo Seikan Kaisha Ltd.		T
	14	JP 2003-001770 A	1-8-2003	Toyobo Co Ltd. et al.		T
	15	JP 2004-002566 A	1-8-2004	Toyo Seikan Kaisha Ltd.		Abs
	16	JP 2003-238798 A	8-27-2003	Toyo Boseki		Abs
	17	JP 53-15862 B	11-26-1993	Nippon Electric Co.		Abs
	18	JP 9-29904 A	02-04-1997	Kuraray Co.		Abs

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³

Examiner Signature	/Ana Woodward/	Date Considered	08/30/2008
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.87 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES EXCEPT WHERE LINED THROUGH. /A.W./